

Serial No. 10/647,851

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS

Claim 1 (currently amended): A heatsink device, comprising:
a heat conducting interface;
a press plate mounted on the heat conducting interface; and
a plurality of heat conducting metal threads pressed between the heat conducting interface and the press plate; wherein
each of the heat conducting metal threads has two distal ends protruded outward from the two sides of the heat conducting interface and the press plate respectively.

Claim 2 (original): The heatsink device in accordance with claim 1, wherein the heat conducting interface, the heat conducting metal threads and the press plate form a sandwich structure.

Claim 3 (original): The heatsink device in accordance with claim 1, wherein the heat conducting metal threads are arranged in a horizontal manner.

Claim 4 (original): The heatsink device in accordance with claim 1, wherein the heat conducting metal threads are extended in a horizontal direction.

Claim 5 (original): The heatsink device in accordance with claim 1, wherein the heat conducting metal threads are arranged in parallel with each other.

Claim 6 (canceled)

Claim 7 (currently amended): The heatsink device in accordance with claim 6 1, wherein the two distal ends of each of the heat conducting metal threads are protruded outward from the two sides of the heat conducting interface and the press plate in a horizontal manner.

Claim 8 (original): The heatsink device in accordance with claim 1, wherein the heat conducting metal threads form a heatsink interface.